

# FULL HD PTZ CAMERA



## FULL HD ROBOTIC PTZ CAMERA

**WolfCam 20x/30x-SHL-PoE**  
**WolfCam 20x/30x-NDI**  
**WolfCam 20x/30x-HDBT**

**WolfCam 20x/30x-USB2**  
**WolfCam 20x/30x-USB3**  
**WolfCam 20x/30x-USB2+3**

- 1/2.8 Inch HD CMOS Sensor
- 20X/30X Optical Zoom | 10X Digital Zoom
- 3G-SDI, HDMI, USB2, USB3, HD-BaseT, NDI Output Options
- RTMP, RTSP, SRT, NDI-HX (Optional) Streaming Protocols
- VISCA, PELCO-D/P Control Protocols
- Hand Held Controller, Web Interface, Joystick Controller for Control
- Power Over Ethernet (PoE) Powering (Limited Model)
- Accessory - Joystick RCP, Wall/Ceiling Mounts



### ~ TECHNICAL SPECIFICATIONS ~

FEATURES	WOLFCAM 20x	WOLFCAM 30x
<b>CAMERA &amp; LENS</b>		
Sensor	High Quality 1/2.8 Inch HD CMOS Sensor	High Quality 1/2.8 Inch HD CMOS Sensor
Effective Pixels	16:9, 2.07 megapixel	16:9, 2.07 megapixel
Optical Zoom	20X (f = 5.5~110mm)	30X (f = 4.3~129mm)
Digital Zoom	10X	10X
View Angle	3.2° (Tele)--56°(Wide)	2.34° (Tele)--65°(Wide)
AV	F1.6 – F3.5	F1.6 – F4.7
Video Resolution	<b>DVI/HDMI/3G-SDI/HDBaseT</b> * 1080P60/50/30/25/59.94/29.97; 1080i60/50/59.94; 720P60/50/30/25/59.94/29.97  <b>USB 3.0</b> * <b>U3:</b> 1920X1080P60/50/30/25; 1280X720P60/50/30/25; 960X540P30; 640X360P30; 640X480P30; 352X288P30; 960X540P30; 800X600P30 * <b>U3 compatible with U2:</b> 960X540P30; 640X360P30; 1280X720P10/15; 720X576P50; 720X480P60; 640X480P30; 352X288P30; 800X600P30.  <b>USB2.0</b> 176x144/320x240/320x180/352x288/640x480/720x480/720x576/ 640x360/800X600/960X540/1024X576/1024X768/1280X720/1920X1080P30/25/20/15/10/5	
SNR	>55dB	
Minimum Illumination	0.5Lux (F1.8, AGC ON)	
DNR	2D & 3D DNR	
White Balance	Auto / Manual/ One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K	
Focus	Auto/Manual/One Push Focus	
Aperture/Electronic Shutter	Auto/Manual	
WDR	OFF/ Dynamic Level Adjustment	
BLC	ON/OFF	
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W Mode, Gamma Curve	
<b>PTZ</b>		
Pan/Tilt Rotation	±170°, -30°~+90°	
Pan Control Speed	0.1-100°/sec	
Tilt Control Speed	0.1-45°/sec	
Preset Speed	Pan: 100°/sec, Tilt: 45°/sec	
Preset Number	255 presets (10 Presets Through IR Wireless Remote Control)	
<b>INTERFACES</b>		
Ordering Information xx* Choose Zoom Range	<b>WOLFCAM xx*X-SHL</b>	Output: 3G-SDI, HDMI, LAN   Audio Linear Input
	<b>WOLFCAM xx*X-NDI</b>	Output: 3G-SDI, HDMI, LAN (NDI)   Audio Linear Input
	<b>WOLFCAM xx*X-HDBT</b>	Output: HDMI, HDBaseT   Audio Linear Input
	<b>WOLFCAM xx*X-USB3</b>	Output: USB3.0, LAN   Audio Linear Input
	<b>WOLFCAM xx*X-USB2</b>	Output: USB2.0, LAN   Audio Linear Input
	<b>WOLFCAM xx*X-USB3+2</b>	Output: USB2.0, USB3.0, HDMI   Audio Linear Input
Video Stream	Dual Stream Output	
Video Compression	<b>LAN Interface:</b> H.265, H.264, Dual Stream Output  <b>USB3.0 interface:</b> Main Stream Supports YUY2, MJPEG, H.264, NV12, H.265, Secondary Stream Support YUY2, MJPEG, H.264, NV12	
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate:115200/9600/4800/2400bps	
Network Interface	100M IP Port (100BASE-TX)	
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, NDI (Optional), Network VISCA Control Protocol, Support Remote Upgrade, Reboot and Reset	
Audio Interface	Double Track 3.5mm Linear Input	
Audio Compression Format	AAC/MP3/G.711A	
Control Interface	RS232 (Input & Output), RS485	
Power Interface	HEC3800 outlet (DC12V)	
Input voltage	DC12V±10%	
Power Consumption	12W(Maximum)	
<b>ENVIRONMENTAL</b>		
Temperature	Storage: -10°C~+60°C Degree Celcius, Working: -10°C~+50°C	
Humidity	Storage: 20%~95%, Working: 20%~80%	
Weight	1.15 Kgs Typical	
<b>ACCESSORY</b>		
Supplied Accessory	Power Supply RS232 Control Cable USB3.0/2.0 Cable Wireless IR Remote Control (Without Batteries)	
Optional Accessory	Ceiling / Wall Mounting Bracket Kit, Joystick Remote Control Panel	

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